



(AM)
attn:
notes
For Linda

BALTEAU STANDARD INC.

8001 TABLE ROCK ROAD, MEDFORD, OREGON 97501 - (503) 826-2113 - TELEX: 36-0247 - CABLE: STANMED

October 8, 1980

Ms. Linda Dawson
EPA Region X
1200 6th Avenue
Seattle, Washington
Mail Stop 530/A 98101

Dear Ms. Dawson,

Attached you will find EPA Form 8700-12 (6-80) from our White City, Oregon, plant. I've identified the areas of hazardous waste (mostly in the operation of painting transformers) and have also forwarded you a listing of specific items we are starting to use in our Instrument Transformer operation.

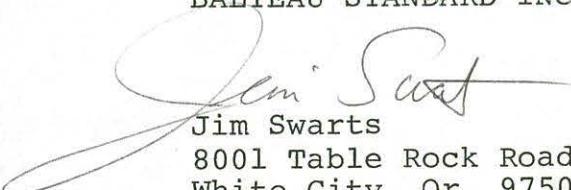
Although I cannot find the new items in your present listing (261.33), I am forwarding them to you for review in order to determine if we should handle any waste as "hazardous" material.

The waste solvents which we do accumulate from our painting operation are being kept as separate as possible in order to recycle through reclamation. We are working with our local Department of Environmental Quality (D.E.Q.) and the State of Oregon Environmental Pollution Agency (EPA) in order to minimize waste quantities which cannot be recycled.

If you need any further information, or if I can be of any additional assistance, please contact me at the address and telephone listed below.

Sincerely,

BALTEAU STANDARD INC.

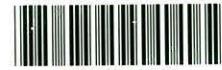


Jim Swarts
8001 Table Rock Road
White City, Or. 97503
(503) 826-2113

Js/b
Enclosures

cc: Ms. Betty Wiese
EPA Region X

USEPA RCRA



3019566

Attachment

<u>Name</u>	<u>Chemical Constitution</u>
1) Hardener HT 903	Formulated Carboxylic Anhydride
2) Release Agent QZ13	Silicone Solution
3) Araldite AV 138M	Bisphenol A Epoxy Resin
4) Araldite DW 0111	Pigment filled Polyalkyleneglycol
5) Araldite DW 0112	Polyalkyleneglycol
6) Araldite B	Bisphenol A-Epoxy Resin
7) Hardener HT907	Dicarboxylic Anhydride
8) Accelerator DY 065	Accelerator on the basis of substituted Pentane D10L
9) Araldite AV 121N	Formulated Epoxy Resin
10) Araldite AV 138	Formulated Epoxy Resin containing Resorciwol Diglycidyl Ether

Product name

Hardener HT. 903

Chemical constitution

Formulated carboxylic anhydride

1. Physical data

1.1. Melting/softening point 79 °C

1.2. Boiling point °C

1.3. Decomposition temperature °C

1.4. pH (at 1000 g/l water) approx. 3

1.5. Solubility in water
20 °C soluble (g/l) miscible insoluble
 0°C

1.6. Odour yes/no

1.7. Physical form solid paste liquid

1.8. Vapour pressure at 20 °C mbar

1.9. Density g/cm³2. Storage stability and handling

2.1. Special precautions for transport and handling Container must be tightly closed when not in use

2.2. Incompatible substances ----

2.3. Hazardous decomposition products Carbon monoxide and carbon dioxide on burning

2.4. Hazardous polymerization None

2.4.1. Preventive measures ----

2.5. Protective measures
 respirators/dust mask
 gloves
 goggles

2.6. Special protective measures Use a special barrier cream for the protection of hands and forearms

2.7. Measures after spillage or leakage Sweep up

2.8. Disposal Normal disposal methods based on state and local codes

Ignition and combustion**1.1. Flash point**

135 °C (Method of determination)

1.2. Extinguishing media

- water mist CO₂
 foam dry powder
 others

1.3. Special fire precautions

None

1.4. Special fire and explosion hazard

None

Toxicity**1. Acute oral toxicity (LD50)**

3000 mg/kg

tested in rats

2. Skin irritation

None

tested in the rabbits rats

3. Eye irritation

Severe

tested in the eyes of rabbits

Emergency and first-aid procedures**In case of contact with the skin, wash with plenty of water.****In case of contact with the eyes, irrigate with water for 15 minutes and get medical attention..****Remarks**

not applicable

Product name

Release agent QZ 13

Chemical constitution

Silicone solution

1. Physical data

1.1. Melting/softening point	°C		
1.2. Boiling point	> 200 °C		
1.3. Decomposition temperature	> 200 °C		
1.4. pH	(at 1000 g/l water) approx. 5		
1.5. Solubility in water	soluble (g/l)	miscible	insoluble
	20 °C °C	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
1.6. Odour	yes/no		
1.7. Physical form	solid <input type="checkbox"/>	paste <input type="checkbox"/>	liquid <input checked="" type="checkbox"/>
1.8. Vapour pressure at 20 °C	mbar		
1.9. Density	g/cm ³		

2. Storage stability and handling

2.1. Special precautions for transport and handling	none
2.2. Incompatible substances	---
2.3. Hazardous decomposition products	Carbon monoxide and carbon dioxide on burning
2.4. Hazardous polymerization	---
2.4.1. Preventive measures	---
2.5. Protective measures	<input type="checkbox"/> respirators/dust mask <input checked="" type="checkbox"/> gloves <input checked="" type="checkbox"/> goggles
2.6. Special protective measures	none
2.7. Measures after spillage or leakage	Wipe up with paper towels or other absorbent materials
2.8. Disposal	Normal disposal methods based on state and local codes.

3. Ignition and combustion**3.1. Flash point**

43 °C (Method of determination)

3.2. Extinguishing media

- water mist
 foam
 others

- CO₂
 dry powder

3.3. Special fire precautions

Keep away from open flame.

3.4. Special fire and explosion hazard

Keep away from open flame.

4. Toxicity**4.1. Acute oral toxicity (LD50)**

> 10 ml/kg

tested in rats

4.2. Skin irritation

moderate

tested in the rabbits

4.3. Eye irritation

none

tested in the eyes of rabbits

5. Emergency and first-aid procedures

In case of contact with the skin, wash with water.

In case of contact with the eyes, irrigate with water for 15 minutes and get medical attention.

6. Remarks

Product name

ARALDITE AV 138 M

Chemical constitutionBisphenol A epoxy resin containing reactive diluent
and inert fillers**1. Physical data**

1.1. Melting/softening point °C

1.2. Boiling point > 200 °C

1.3. Decomposition temperature ~ 250 °C

1.4. pH 7 (at 100 g/l water)

1.5. Solubility in water	soluble (g/l)	miscible	insoluble
	20 °C	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	°C	<input type="checkbox"/>	<input type="checkbox"/>

1.6. Odour yes/no

1.7. Physical form	solid	paste	liquid
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1.8. Vapour pressure at 20 °C mbar

1.9. Density 1,65-1,7 g/cm³**2. Storage stability and handling**

2.1. Special precautions for transport and handling Container must be tightly closed when not in use

2.2. Incompatible substances —

2.3. Hazardous decomposition products Carbon monoxide and carbon dioxide on burning

2.4. Hazardous polymerization none

2.4.1. Preventive measures —

2.5. Protective measures	<input type="checkbox"/> respirators/dust mask
	<input checked="" type="checkbox"/> gloves
	<input checked="" type="checkbox"/> goggles

2.6. Special protective measures Use a special barrier cream for the protection of exposed skin areas

2.7. Measures after spillage or leakage Wipe up with paper towels or other absorbent materials

2.8. Disposal Normal disposal methods based on state and local codes

3. Ignition and combustion**3.1. Flash point**

110 °C (Method of determination Pensky-Martens)

3.2. Extinguishing media water mist
 foam
 others CO₂
 dry powder**3.3. Special fire precautions**

None

3.4. Special fire and explosion hazard

None

4. Toxicity**4.1. Acute oral toxicity (LD50)**

> 9000 mg/kg

tested in rats

4.2. Skin irritation

moderate

tested in the rabbits

4.3. Eye irritation

none

tested in the eyes of rabbits

5. Emergency and first-aid procedures

In case of contact with the skin, wash off with soap and water, remove contaminated clothing.

In case of contact with the eyes, irrigate with water for 15 minutes and get medical attention.

6. Remarks

n.a. = not applicable

Product name

ARALDITE DW 0111

Chemical constitution. Pigment filled Polyalkyleneglycol1. Physical data

1.1. Melting/softening point	°C
1.2. Boiling point	> 200 °C
1.3. Decomposition temperature	> 200 °C
1.4. pH	(at 1000 g/l water)
1.5. Solubility in water	soluble (g/l) miscible insoluble
	20 °C <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> °C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
1.6. Odour	xxxx/no
1.7. Physical form	'solid' paste liquid
1.8. Vapour pressure at 20 °C	torr
1.9. Density	g/cm ³

2. Storage stability and handling

2.1. Special precautions for transport and handling	Container must be tightly closed when not in use
2.2. Incompatible substances	--
2.3. Hazardous decomposition products	Carbon monoxide and carbon dioxide on burning
2.4. Hazardous polymerization	none
2.4.1. Preventive measures	--

2.5. Protective measures

- respirators/dust mask
- gloves
- goggles

2.6. Special protective measures
Use a special barrier cream for the protection of hands and forearms

2.7. Measures after spillage or leakage
Wipe up with paper towels or other absorbent materials

2.8. Disposal
Normal disposal methods based on state and local codes

3. Ignition and combustion**3.1. Flash point**

> 200 °C (Method of determination) Pensky Martens

3.2. Extinguishing media water mist
 foam
 others CO₂
 dry powder**3.3. Special fire precautions**

none

3.4. Special fire and explosion hazard

none

4. Toxicity

4.1. Acute oral toxicity (LD50) > 1800 mg/kg tested in rats

4.2. Skin irritation slight tested in the rabbits

4.3. Eye irritation none tested in the eyes of rabbits

5. Emergency and first-aid procedures

In case of contact with the skin, wash off with soap and water.
In case of contact with the eyes, irrigate with water for 20 minutes and get medical attention.

6. Remarks

Product name

ARALDITE DW 0112

Chemical constitution

Polyalkyleneglycol containing organic pigments

1. Physical data

1.1. Melting/softening point	°C		
1.2. Boiling point	> 200 °C		
1.3. Decomposition temperature	> 200 °C		
1.4. pH	~7 (at 1000 g/l water)		
1.5. Solubility in water	soluble (g/l)	miscible	insoluble
	20 °C	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	°C	<input type="checkbox"/>	<input type="checkbox"/>
1.6. Odour	yes/no		
1.7. Physical form	solid	paste	liquid
1.8. Vapour pressure at 20 °C	torr		
1.9. Density	g/cm ³		

2. Storage stability and handling

2.1. Special precautions for transport and handling	Container must be closed tightly when not in use
2.2. Incompatible substances	--
2.3. Hazardous decomposition products	Carbon monoxide and carbon dioxide on burning
2.4. Hazardous polymerization	none
2.4.1. Preventive measures	--

2.5. Protective measures

- respirators/dust mask
 gloves
 goggles

2.6. Special protective measures	Use a special barrier cream for the protection of hands and forearms
2.7. Measures after spillage or leakage	Wipe up with paper towels or other absorbent materials
2.8. Disposal	Normal disposal methods based on state and local codes

3. Ignition and combustion**3.1. Flash point**

154 °C (Method of determination) Pensky Martens

3.2. Extinguishing media

- water mist
 foam
 others

- CO₂
 dry powder

3.3. Special fire precautions

none

3.4. Special fire and explosion hazard

none

4. Toxicity

4.1. Acute oral toxicity (LD50) > 1800 mg/kg tested in rats

4.2. Skin irritation slight tested in the rabbits

4.3. Eye irritation none tested in the eyes of rabbits

5. Emergency and first-aid procedures

In case of contact with the skin, wash off with soap and water.
In case of contact with the eyes, irrigate with water for 20 minutes and get medical attention.

6. Remarks

A-6

Product name

ARALDITE B

Chemical constitution

Bisphenol A-epoxy resin

1. Physical data

1.1. Melting/softening point

°C

1.2. Boiling point

> 200 °C

1.3. Decomposition temperature

> 200 °C

1.4. pH

(at 1000g/l water) approx. 7

1.5. Solubility in water

20 °C	soluble (g/l)	miscible	insoluble
°C	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1.6. Odour

yes/no

1.7. Physical form

solid	paste	liquid
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.8. Vapour pressure at 20 °C

mbar

1.9. Density

g/cm³2. Storage stability and handling

2.1. Special precautions for transport and handling

Container must be tightly closed when not in use

2.2. Incompatible substances

2.3. Hazardous decomposition products

Carbon monoxide and carbon dioxide on burning

2.4. Hazardous polymerization

None

2.4.1. Preventive measures

2.5. Protective measures

respirators/dust mask
 gloves
 goggles

2.6. Special protective measures

Use a special barrier cream for the protection of hands and forearms

2.7. Measures after spillage or leakage

Sweep up

2.8. Disposal

Normal disposal methods based on state and local codes

3. Ignition and combustion**3.1. Flash point**

>200°C (Method of determination Pensky-Martens)

3.2. Extinguishing media water mist
 foam
 others CO₂
 dry powder**3.3. Special fire precautions**

None

3.4. Special fire and explosion hazard

None

4. Toxicity**4.1. Acute oral toxicity (LD50)**

>10'000 mg/kg

tested in rats

4.2. Skin irritation

None

tested in the rabbits

4.3. Eye irritation

None

tested in the eyes of rabbits

5. Emergency and first-aid procedures

In case of contact with the skin, wash with plenty of water

In case of contact with the eyes, irrigate with water for 15 minutes and get medical attention.

6. Remarks

n.a. = not applicable

A-7

Product name	Hardener BT 907
Chemical constitution	Dicarboxylic anhydride

1. Physical data

1.1. Melting/softening point,	31-35 °C
1.2. Boiling point	> 200 °C
1.3. Decomposition temperature	> 200 °C
1.4. pH	1000 (at 1 g/l water) approx. 3

1.5. Solubility in water	soluble (g/l)	miscible	insoluble
	20 °C OC	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1.6. Odour	yes/no
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1.7. Physical form	solid	paste	liquid
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Storage stability and handling

2.1. Special precautions for transport and handling	Container must be tightly closed when not in use (hygroscopic)
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2.2. Incompatible substances	--
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2.3. Hazardous decomposition products	Carbon monoxide and carbon dioxide on burning
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2.4. Hazardous polymerization	none
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2.4.1. Preventive measures	--
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2.5. Protective measures	<input type="checkbox"/> respirators <input checked="" type="checkbox"/> gloves <input checked="" type="checkbox"/> goggles
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2.6. Special protective measures	Use a special barrier cream for the protection of hands and forearms
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2.7. Measures after spillage or leakage	Sweep up
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2.8. Disposal	Normal disposal methods based on state and local codes.
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3. Ignition and combustion

3.1. Flash point approx. 140 °C (Method of determination Pensky-Martens)

3.2. Extinguishing media

water mist
 foam
 others

CO₂
 dry powder

3.3. Special fire precautions

none

3.4. Special fire and explosion hazard

none

4. Toxicity

4.1. Acute oral toxicity (LD50) 3300 mg/kg.

tested in rats

4.2. Skin irritation

slight

tested in the rabbits

4.3. Eye irritation

severe

tested in the eyes of rabbits

5. Emergency and first-aid procedures

In case of contact with the skin, wash with plenty of water.
 In case of contact with the eyes, irrigate with water for 15 minutes and get medical attention.

A-8

Product name Accelerator DY 065

Chemical constitution Accelerator on the basis of substituted pentane diol

1 Physical data

1.1 Melting/softening point 0°C

1.2 Boiling point 180 °C

1.3 Decomposition temperature >200 °C

1000
(at g/l water) approx. 141.5 Solubility in water soluble (g/l)
20 °C miscible insoluble
 <

1.6 Odour XEW/no

1.7 Physical form solid paste liquid
 2 Storage stability and handling

2.1 Special precautions for transport and handling Container must be tightly closed when not in use

2.2 Incompatible substances --

2.3 Hazardous decomposition products Carbon monoxide and carbon dioxide on burning

2.4 Hazardous polymerization none

2.4.1 Preventive measures --

2.5 Protective measures

- respirators
- gloves
- goggles

2.6 Special protective measures Use a special barrier cream for the protection of hands and forearms

2.7 Measures after spillage or leakage Wipe up with paper towels or other absorbent materials

2.8 Disposal Normal disposal methods based on state and local codes.

3 Ignition and combustion

3.1 Flash point 138 °C (Method of determination Pensky-Martens)

3.2 Extinguishing media

- water mist
- foam
- others

- CO₂
- dry powder

3.3 Special fire precautions none

3.4 Special fire and explosion hazard none

4 Toxicity

4.1 Acute oral toxicity (LD50) >10'000 mg/kg

tested in rats

4.2 Skin irritation none

tested in the rabbits

4.3 Eye irritation mild

tested in the eyes of rabbits

5 Emergency and first-aid procedures

In case of contact with the skin, wash with plenty of water.
 In case of contact with the eyes, irrigate with water for 15 minutes and get medical attention.

Product name ARALDITE AV 121 N
Chemical constitution Formulated epoxy resin

1. Physical data

1.1. Melting/softening point 0°C

1.2. Boiling point >200°C

1.3. Decomposition temperature >200°C

1000
(at g/l water) approx. 8

1.4. pH soluble (g/l) miscible Insoluble
20°C 0°C

1.5. Solubility in water Yes/no

1.6. Odour solid paste liquid

2. Storage stability and handling

2.1. Special precautions for transport and handling Container must be tightly closed when not in use

2.2. Incompatible substances --

2.3. Hazardous decomposition products Carbon monoxide and carbon dioxide on burning

2.4. Hazardous polymerization none

2.4.1. Preventive measures --

2.5. Protective measures

- respirators
- gloves
- goggles

2.6. Special protective measures Use a special barrier cream for the protection of hands and forearms

2.7. Measures after spillage or leakage Wipe up with paper towels or other absorbent materials

2.8. Disposal Normal disposal methods based on state and local codes.

3. Ignition and combustion

3.1. Flash point 230 °C (Method of determination Pensky-Martens)

3.2. Extinguishing media

- water mist
- foam
- others

- CO₂
- dry powder

3.3. Special fire precautions none

3.4. Special fire and explosion hazard none

4. Toxicity

4.1. Acute oral toxicity (LD50) > 3590 mg/kg

tested in rats

4.2. Skin irritation none

tested in the rabbit rats

4.3. Eye irritation none

tested in the eyes of rabbits

5. Emergency and first-aid procedures

In case of contact with the skin, wash with plenty of water.

In case of contact with the eyes, irrigate with water for 15 minutes and get medical attention.

Product name	ARALDITE AV 138					
Chemical constitution	Formulated epoxy resin containing resorcinol diglycidyl ether					
1 Physical data						
1.1 Melting/softening point						
	XXX °C					
1.2. Boiling point						
	>153 °C					
1.3. Decomposition temperature						
	>200 °C					
1.4. pH						
	1000 (at x g/l water) APPROX. 8					
1.5. Solubility in water						
20 °C	soluble (g/l)	miscible	insoluble			
XXX °C	XX	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
1.6. Odour						
	yes/no					
1.7. Physical form						
	solid	paste	liquid			
2 Storage stability and handling						
2.1. Special precautions for transport and handling						
	Container must be tightly closed when not in use					
2.2 Incompatible substances						
	--					
2.3. Hazardous decomposition products						
	Carbon monoxide and carbon dioxide on burning					
2.4. Hazardous polymerization						
	none					
2.4.1. Preventive measures						
	--					
2.5. Protective measures						
	<input type="checkbox"/> respirators <input checked="" type="checkbox"/> gloves <input checked="" type="checkbox"/> goggles					
2.6. Special protective measures						
	Use a special barrier cream for the protection of hands and forearms					
2.7. Measures after spillage or leakage						
	Wipe up with paper towels or other absorbent materials					
2.8. Disposal						
	Normal disposal methods based on state and local codes.					

3. Ignition and combustion

3.1. Flash point

110 °C (Method of determination Pensky-Martens)

- water mist
 foam
 others

- CO₂
 dry powder

3.3. Special fire precautions

none

3.4. Special fire and explosion hazard

none

4. Toxicity *4.1. Acute oral toxicity (LD₅₀)

>3590 mg/kg,

tested in rats

4.2. Skin irritation

severe

tested in the rabbits

4.3. Eye irritation

moderate

tested in the eyes of rabbits

5. Emergency and first-aid procedures

In case of contact with the skin, wash with plenty of water and soap. In case of contact with the eyes, irrigate with water for 15 minutes and get medical attention.

* This product contains resorcinol diglycidylether which is a suspected carcinogen in animals.